

[AMENDMENTS]

Claim 1-3 (canceled).

Claim 4 (currently amended): A sealing device comprising:

a plurality of L-shaped seals;

each of the L-shaped seals having one round surface and the other flat surface contacted on outer sidewall of a powered rotary cylinder and on outer sidewall of a fixed shell respectively at an intersection;

one L-shaped seal being crossed into another L-shaped seal on both sides;

one end of the both surfaces of the L-shaped seal being concavo and the other end being convex, and the concavo of one L-shaped seal and the convex of another L-shaped seal being crossed lengthwise and widthwise on the both sides;

the L-shaped seal with a hole on the flat surface being fitted by a slide on the fixed shell;
and

the L-shaped seals crossed on these three-dimensional sealing surfaces being arranged in a circumferential direction of the cylinder.

Claim 5 (currently amended): A sealing device according to claim 4, in which:

both ends of one round surface and the other flat surface of some L-shaped seals are concavo and both ends of one round surface and the other flat surface of other L-shaped seals are convex; and

either L-shaped seal has a hole on the flat surface.

Claim 6 (currently amended): A sealing device according to claim 5, in which the L-shaped seal with both convex ends does not have a hole on the flat surface.

Claim 7 (currently amended): A sealing device according to claim 4 or 5, in which each of some L-shaped seals and other L-shaped seals has a hole and no hole respectively on the flat surface.

Claim 8 (currently amended): A sealing device according to claim 4, 5 or 6, in which the L-shaped seal has a ditch for presence of sealing material.

Claim 9 (original): A sealing device according to claim 8, in which the L-shaped seal has a sealing material pressing out gadget over the ditch.

Claim 10 (currently amended): A sealing device according to claim 4, 5 or 6, in which the L-shaped seals have spring, weights or both spring and weights as measures for tension at cross sections.

Claim 11 (canceled).

Claim 12 (canceled).